

Appendix 1. Search Strategies for Individual Topics

Risk Factors

Risk Factors (continued)

- 16 limit 14 to human
- 17 limit 15 to english language
- 18 looked at english abstracts of foreign articles
- 19 exp fractures or exp osteoporosis or bone density
- 20 exp risk (terms as in 4)
- 21 19 and 20
- 22 exp cohort studies
 - longitudinal studies
 - follow-up studies
 - prospective studies
- 23 meta-analysis
- 24 exp case control studies
 - retrospective studies
- 25 predictive value of tests
- 26 evidence-based medicine
- 27 22 or 23 or 24 or 25 or 26
- 28 21 and 27
- 29 limit 28 to human
- 30 limit 29 to english language

Bone Density and Quantitative Ultrasound Testing

Hormone Replacement Therapy

- 1 exp hormone replacement therapy
 - estrogen replacement therapy
- 1 hormone replacement.tw. (text word taken from title and abstract of article)
- 2 estrogen replacement.tw.
- 4 exp estrogens/ad,tu (ad = administration & dosage; tu = therapeutic use)
 - equilenin
 - equilin
 - estradiol
 - estriol
 - estrogens, catechol
 - estrogens, conjugated
 - estrogens, non-steroidal
 - estrone
- 5 exp estrogens, synthetic/ad,tu
 - estrogens, non-steroidal
 - chlorotrianisene
 - coumestrol
 - dienestrol
 - diethylstilbestrol
 - zearalenone
 - epimestrol
 - ethinyl estradiol
 - mestranol
 - quinestrol
 - hexestrol
 - zeranol
- 6 1 or 2 or 3 or 4 or 5
- 7 exp osteoporosis
 - osteoporosis, postmenopausal
- 8 exp fractures
 - femoral fractures
 - fractures, comminuted
 - fractures, open
 - fractures, stress
 - humeral fractures
 - rib fractures
 - skull fractures
 - tibial fractures
 - fractures, closed
 - fractures, malunited
 - fractures, spontaneous
 - fractures, ununited
 - radius fractures
 - shoulder fractures
 - spinal fractures
 - ulna fractures
- 6 fracture\$.tw.
- 10 bone density
- 11 7 or 8 or 9 or 10
- 12 6 and 11
- 13 limit 12 to human
- 14 limit 13 to english language
- 15 looked at english abstracts of foreign articles

Randomized Controlled Trials of Estrogen and SERMs

Estrogen

- 1 exp hormone replacement therapy
estrogen replacement therapy
- 2 hormone replacement.tw. (text word taken from title and abstract of article)
- 3 estrogen replacement.tw.
- 4 exp estrogens/ad,tu (ad = administration & dosage; tu = therapeutic use)
 - equilenin
 - equilin
 - estradiol
 - estriol
 - estrogens, catechol
 - estrogens, conjugated
 - estrogens, non-steroidal
 - estrone
- 5 exp estrogens, synthetic/ad,tu
 - estrogens, non-steroidal
 - chlorotrianisene
 - coumestrol
 - dienestrol
 - diethylstilbestrol
 - zearalenone
 - epimestrol
 - ethinyl estradiol
 - mestranol
 - quinestrol
 - hexestrol
 - zeranol
- 6 1 or 2 or 3 or 4 or 5
- 7 limit 6 to randomized controlled trials (check for document type)
- 8 randomized controlled trials
- 9 randomized.tw.
- 10 8 or 9
- 11 6 and 10
- 12 7 or 11
- 13 limit 12 to human
- 14 limit 13 to english language
- 15 looked at english abstracts of foreign articles

Tamoxifen and raloxifene

- 1 (tamoxifen or raloxifene).mp.
- 2 Bone density/ or "bone density".mp
- 3 exp osteoporosis/ or "osteoporosis".mp
- 4 exp fractures/ or fracture\$.mp.
- 5 exp hormone replacement therapy
- 6 estrogen replacement.mp.
- 7 2 or 3 or 4 or 5 or 6
- 8 1 and 7
- 9 limit 8 to (human and english language)
- 10 exp breast neoplasms/
- 11 9 not 10
- 12 from 11 keep 1-145